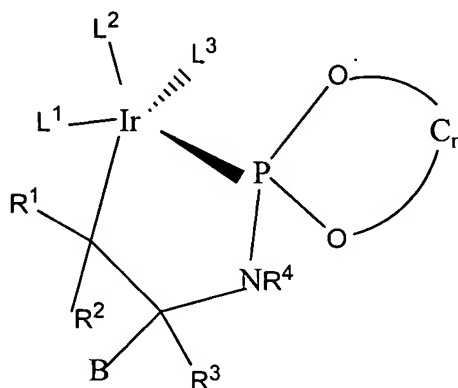


In the Claims:

1-8. Canceled.

9. (Original) An activated catalyst, comprising a cyclometallated phosphoramidite having the structure



wherein:

O-Cn-O is an aliphatic or aromatic diolate;

B is any substituted or unsubstituted aryl or heteroaryl group;

R¹, R², R³, and R⁴ are independently selected from hydrogen, alkyl, benzylic and aromatic or heteroaromatic groups;

L¹ and L² are any ligands bound to Ir through an electron pair or through electrons in a pi-system of an unsaturated moiety; and

L³ is an optional ligand selected from the group consisting of phosphine, phosphite, phosphoramidite, amine, heterocycle, carbon monoxide, and combinations thereof.

10. (Original) The activated catalyst of claim 9, wherein R¹, R², R³, and R⁴ are independently selected from methyl, benzyl, phenethyl, diphenylmethyl, and phenyl.

11. (Original) The activated catalyst of claim 9, wherein L¹ and L² are independently selected from diolefins, monoolefins, diphosphines, monophosphines, diamines, monoamines, diheterocyclic units, and heterocyclic units.

12. (Currently amended) A method of making an activated catalyst, said activated catalyst comprising a cyclometallated phosphoramidite according to claim 9, comprising the step of:

combining a catalyst precursor and a phosphoramidite ligand in the presence of a base under conditions that form said activated catalyst.

13-27. Canceled.